



PRELIMINARY AGENDA (Subject to change)

***Check the Science Forum 2004 Web Site for updates to the agenda.**

<http://www.epa.gov/ord/scienceforum>

Under the overall umbrella of Healthy Communities and Ecosystems, the 2004 EPA Science Forum has three main Themes:

- Science and Innovation to Protect Health and Environment (Office of Research & Development - ORD)
- Delivering Science-Based Information to Decision Makers (Office of Environmental Information - OEI)
- Using Science to Make a Difference (EPA Regions).

TUESDAY, JUNE 1, 2004

10:00 AM – AAAS Session

11:30 AM

The American Association for the Advancement of Science (AAAS) has organized a session that kicks off the Science Forum events on Tuesday morning. The session is designed to review the relationship between the AAAS Environmental Fellows Program and the U.S. Environmental Protection Agency. This session will be chaired by Fran Sharples, Director of the National Research Council's Board on Life Sciences. Presentations by current and recent Environmental Fellows will address the history of this AAAS/EPA relationship, its accomplishments, and prospects for its future activities.

Session Organizers:

Paget Graham, American Association for the Advancement of Science

Sidney Draggan, U.S. EPA/Office of Research and Development

10:00 AM Poster and Exhibit Room Opens

1:00 PM Administrator Mike Leavitt

1:15 PM Members of Congress - INVITED

1:45 PM Robert Ehrlich, Governor, Maryland - INVITED

2:00 PM Jimmy Palmer, RA, Region 4

2:10 PM Kim Nelson, AA, OEI

2:20 PM Paul Gilman, AA, ORD

3:00 PM ECOS - R. Steven Brown, Executive Director

3:15 PM Jack Marburger, Director, OSTP

3:30 PM David McQueeney, IBM

5:00 PM – **Poster Session & Awards Reception** (*See description below)

7:00 PM

The Poster Session will highlight EPA research related to the three themes, allowing presenters the opportunity to quickly and efficiently communicate their research in an easy-to-view format conducive to walk-through traffic. The Poster Session will include over 200 posters and will allow participants to study the information and discuss the posters one-on-one with the presenters.

WEDNESDAY, JUNE 2, 2004

	Science and Innovation to Protect Health and Environment (ORD) Sessions		Using Science to Make a Difference (Regions) Sessions		Delivering Science-Based Information to Decision Makers (OEI) Sessions	
Time	Session Title	Session Lead	Session Title	Session Lead	Session Title	Session Lead
8:30 AM–10:00 AM	Applied Remote Sensing	Terrence Slonecker	Can You Hear Us Now? EPA's Role in Invasive Species Research and Management	Henry Lee	Indicators of Healthy Communities and Ecosystems	Heather Case
10:00 AM -10:30 AM Break						
10:30 AM – Noon	Risk Assessment/ Comp. Tox.	George Woodall	Monitoring and Assessment to Protect Tribal Health and Ecosystems	Valerie Bataille	GIS Programs at EPA	Wendy Blake-Coleman
Noon -1:00 PM Lunch						
1:00 PM – 2:30 PM	Using Human Data in Risk Assessment	John Vandenberg	R-EMAP: The Application of EMAP Indicators	Brian Hill	Delivering Consistent Information on Health and the Environment	William Sonntag
2:30 PM - 3:00 PM Break						
3:00 PM - 4:30 PM	Children's Risk	Nigel Fields (Michel Weitzman)	Great Places Demand Great Science	Rochelle Araujo	...Coastal Ecosystems	Kevin Summers

THURSDAY, JUNE 3, 2004

	Science and Innovation to Protect Health and Environment (ORD) Sessions		Using Science to Make a Difference (Regions) Sessions		Delivering Science-Based Information to Decision Makers (OEI) Sessions	
Time	Session Title	Session Lead	Session Title	Session Lead	Session Title	Session Lead
8:30 AM - 10:00 AM	Sustainability	Paul Shapiro	Looking into the Future of a Region	Betsy Smith	Scientific Computing	Heidi Paulson
10:00 AM - 10:30 AM Break						
10:30 AM – Noon	Partnering with New York on Air Quality and Human Health: Issues, Challenges and Perspectives	Valerie Garcia	Regional Research Partnership Program	Tom Baugh	Healthy Communities – One Building at a Time	Pamela Kogan
Noon -1:00 PM Lunch						
1:00 PM – 2:30 PM	Bathing Beaches	Al Dufour	Community Air Toxics Projects	Paul Wagner	Net Benefit Analysis	Ann Whelan
2:30 PM - 3:00 PM Break						
3:00 PM - 4:30 PM			Science to Support Decisions: Climate Change	Joel Scheraga		

POSTERS & EXHIBITS

The Poster Session will highlight EPA research related to the three themes, allowing presenters the opportunity to quickly and efficiently communicate their research in an easy-to-view format conducive to walk-through traffic. Each Forum Poster will provide a broad perspective of an environmental issue, the scientific approach to resolve the issue, partnerships in both conducting the work and applying the results and the impact that EPA science has made or expects to make on the issue.

The Poster Session will include over 220 posters and will allow participants to study the information and discuss the posters one-on-one with the presenters. Posters and organizational exhibits will be on display from Tuesday morning through Wednesday afternoon (breakdown to occur after the afternoon break at approximately 3:30 PM).

MOBILE LAB

There will be a mobile lab on display outside the Maine Avenue entrance of the Hotel from Tuesday through Wednesday.

DOGS & POLLUTION PREVENTION

Hourly presentations/demonstrations on "how dogs can be used in pollution prevention." In this demo, an AKC registered Swedish Vallhund demonstrates his unique skill of vapor intrusion detection.

PRODUCT EXPO

This year's Forum will include a Product Expo, which will highlight several "ready-to-use" EPA Products. EPA developed a list of health and environmental questions for which we have one or more "ready-to-use" EPA science products, such as models, maps, databases or guidance documents.

We asked a group of Regional, State, and Tribal Senior Managers to select 8-10 questions, which they would like to see addressed, as related to high priority environmental science issues. Their input was used to make the final selection of Product Expo Exhibit questions and products, as follows:

Water Quality

- How do I prioritize where to focus my TMDL Program? How do I locate impaired waters and develop targets to remove their impairments?
- What rapid-response technologies are available to determine if our beaches are safe?
- What help is available for small drinking water systems?
- What technologies are available to help small drinking water plants meet the 10 ppb arsenic drinking water standard?

Air Pollution

- Are technologies available for my electric utility to remove mercury from their air emissions?
- Can a national mold standard be developed using EPA-patented technology?
- How can area source emissions of air pollutants be measured in near real-time to support State and regional air quality objectives?

Ecosystem Protection

- What ecological resources should be evaluated in an ecological risk assessment?

Human Exposure

- What exposure databases and models are available to help me determine human exposures to specific pollutants and how age (i.e., children vs. adults) and human activities affect these exposures?